

6 of 11

194925 JUL 10 RECD

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 7/9/06 Serial # 194925, 867 Priority Application Date 12/25/03Your Name M. Lewis Examiner # _____AU 2822 Phone 292-1838 Room 5A30In what format would you like your results? Paper is the default. PAPER DISK EMAIL
If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB
Other: need before 7/27

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐
Secondary Refs ☒ Foreign Patents ☐ Other ☐Is this a "Fast & Focused Search" request? (Circle One) YES NOA "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patfr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 12, 13 & 22
Plasma Display Panel
Reduce Alignment ErrorProblem: See pages 1-3
Solution: " " 3 & 4US 6,495,967
Korean 2002019353**Staff Use Only**Searcher: Michael OliverSearcher Phone: 571-272-2613

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 7/12/06Date Completed: 7/12/06Searcher Prep/Rev Time: 30Online Time: 131**Type of Search**

Structure (#) _____

Bibliographic _____

Litigation _____

Fulltext ☒

Patent Family _____

Other ☒**Vendors**STN ☒Dialog ☒

Questel/Orbit _____

Lexis-Nexis _____

WWW/Internet _____

Other IEEE

10/797867

7/12/2006 1:21:59 PM

7/12/2006 1:24:44 PM

[File 342] Derwent Patents Citation Indx 1978-05/200607

s pn=us 6495967

S1 1 S PN=US 6495967

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SearchSave SC441

1 SearchSave(s), 4 Search Term(s)

map pn

SearchSave "SC442" stored

1 Select Statement, 11 Search Term(s)

SearchSave SC442

1 SearchSave(s), 11 Search Term(s)

[File 344] Chinese Patents Abs Jan 1985-2006/Jan

[File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)

[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607

[File 371] French Patents 1961-2002/BOPI 200209

Set Items Description

S1 3 PN=CN 1415112 + PN=KR 2001065735 + PN=KR 2002072865 + PN=KR
402741 + PN=US 2002130620 + PN=US 2003090203 + PN=US 2003184228 + PN=US
6720732 + PN=US 6784617 + PN=US 6979951 + PN=WO 200150493

10/797867

7/12/2006 3:13:50 PM

7/12/2006 2:48:44 PM

[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 94] JICST-EPlus 1985-2006/Nov W3
[File 99] Wilson Appl. Sci & Tech Abs 1983-2006/Apr
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 56] Computer and Information Systems Abstracts 1966-2006/Jun
[File 57] Electronics & Communications Abstracts 1966-2006/Jun
[File 68] Solid State & Superconductivity Abstracts 1966-2006/Jan
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC

Set	Items	Description
S1	93416	S PDP? ? OR PLASMA()DISPLAY????() (PANEL???? OR SCREEN??? OR MATRIX) OR PLASMA(3N) (PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR DISPLAY????(3N) (PANEL???? OR SCREEN???? OR MATRIX)
S2	15709	S (FRONT???? OR TOP? ? OR REAR??????? OR BOTTOM) (3N) (SUBSTRAT???? OR SUPPORT?????)
S3	1400821	S (ALIGN??????? OR ARRAY???? OR POSTION?????)
S4	19387120	S MARK???? OR PATTERN???? OR DESIGN???? OR LOGO? ? OR EMBLEM???? OR SCOR???? OR LINE? ? OR STRIP???? OR INSIGN???? OR INDIC????
S5	484645	S HEX????? OR HONEYCOMB??? OR HONEY()COMB??? OR HEXA???????()HONEYCOMB??? OR HEX?????()HONEY()COMB??? OR RHOMB????
S6	35723	S (RIB OR RIBBED) (3N) (BARRIER? ? OR BARRICADE? ? OR BAR? ?) OR RIB
S7	3538359	S (PARALLEL??? OR LATERAL????) (3N) SEGMENT???? OR PARALLEL(3N) LINE? ? OR LINE? ?
S8	14180934	S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???) (3N) (ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB???? OR CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL??? OR BLACK????? (3N) (MATRIX OR ARRAY????)
S9	0	S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S10	194	S S1 AND S4 AND S5
S11	22	S S10 AND S3
S12	12	RD (unique items)
S13	9	S S12 AND PY<=2003
S14	8	S S10 AND S6
S15	4	RD (unique items)
S16	44	S S1 AND S3 AND S5
S17	0	S S16 AND S2
S18	3	S S16 AND S7
S19	3	RD (unique items)
S20	21	S S16 AND S8
S21	12	RD (unique items)
S22	7	S S21 AND PY<=2003
S23	0	S S1 AND S2 AND S5
S24	65	S S1 AND S2
S25	4	S S24 AND (ALIGN???? OR ARRAY???? OR POSITION?????)
S26	4	RD (unique items)
S27	3	S S26 AND PY<=2003
S28	4	S S15 NOT S13
S29	1	S S19 NOT (S13 OR S15)
S30	3	S S22 NOT (S13 OR S15 OR S19)
S31	3	S S27 NOT (S13 OR S15 OR S19 OR S22)

7/12/2006 4:32:30 PM

7/12/2006 4:12:23 PM

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
 [File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
 [File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
 [File 371] French Patents 1961-2002/BOPI 200209

Set	Items	Description
S1	237359	S PDP? ? OR PLASMA()DISPLAY????() (PANEL???? OR SCREEN??? OR MATRIX) OR PLASMA(3N) (PANEL???? OR DISPLAY???? OR SCREEN???? OR MATRIX) OR DISPLAY????(3N) (PANEL???? OR SCREEN???? OR MATRIX)
S2	125597	S (FRONT???? OR TOP? ? OR REAR??????? OR BOTTOM) (3N) (SUBSTRAT???? OR SUPPORT????)
S3	3518535	S (ALIGN??????? OR ARRAY???? OR POSITION?????)
S4	4022633	S MARK???? OR PATTERN???? OR DESIGN???? OR LOGO? ? OR EMBLEM???? OR SCOR???? OR LINE? ? OR STRIP???? OR INSIGN???? OR INDIC????
S5	296775	S HEX??????? OR HONEYCOMB??? OR HONEY()COMB??? OR HEXA???????()HONEYCOMB??? OR HEX???????()HONEY()COMB??? OR RHOMB????
S6	1630958	S (PARALLEL??? OR LATERAL????) (3N) SEGMENT???? OR PARALLEL(3N) LINE? ? OR LINE? ?
S7	5841149	S (BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL???) (3N) (ELECTROD??? OR PROB??? OR CONDUCT???? OR ANOD???? OR CATHOD???) OR ELECTROD??? OR PROB??? OR CONDUCT???? OR ANOD???? OR CATHOD??? OR BUS OR PATHWAY? ? OR PATH()WAY? ? OR CHANNEL??? OR BLACK?????(3N) (MATRIX OR ARRAY????)
S8	7977	S IC=(H01J-017/00 OR H01J-017/49)
S9	6515	S MC=(V05-A01A3 OR V05-A01D1 OR V05-A01D3)
S10	1	S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7
S11	256	S S1 AND S2 AND S3 AND S4
S12	4	S S11 AND S5
S13	53	S S11 AND S8
S14	22	S S13 AND S9
S15	13	S S14 AND PY<=2003
S16	19383	S S1 AND S3 AND S4
S17	7594	S S16 AND S7
S18	3297	S S17 AND S6
S19	56	S S18 AND S8
S20	15	S S19 AND S9
S21	11	S S20 AND PY<=2003
S22	358	S S1 AND S3 AND S5
S23	6	S S22 AND S8
S24	13	S S22 AND S9
S25	1	S S24 AND PY<=2003
S26	3	S S12 NOT S10
S27	13	S S15 NOT (S10 OR S12)
S28	7	S S21 NOT (S10 OR S12 OR S15)
S29	4	S S23 NOT (S10 OR S12 OR S15 OR S21)
S30	1	S S25 NOT (S10 OR S12 OR S15 OR S21 OR S23)
S31	9	S S24 NOT (S10 OR S12 OR S15 OR S21 OR S23 OR S25)

7/12/06

10/79786

(FILE 'HOME' ENTERED AT 13:47:49 ON 12 JUL 2006)

FILE 'STNGUIDE' ENTERED AT 13:48:31 ON 12 JUL 2006

FILE 'CAPLUS' ENTERED AT 13:52:31 ON 12 JUL 2006

L1 17238 SEA ABB=ON PLU=ON PDP OR PLASMA DISPLAY##### OR DISPLAY
PANEL##### OR PLASMA DISPLAY PANEL OR PLASMA PANEL
L2 1642099 SEA ABB=ON PLU=ON MARK##### OR PATTERN##### OR PRINT####
OR EMBLEM OR INSIGNIA OR LOGO
L3 709646 SEA ABB=ON PLU=ON ALIGN##### OR POSITION#####
L4 314 SEA ABB=ON PLU=ON L1 AND L2 AND L3
L5 18 SEA ABB=ON PLU=ON L4 AND BARRIER
L6 24 SEA ABB=ON PLU=ON L4 AND RIB
L7 3 SEA ABB=ON PLU=ON L4 AND (HONEYCOMB OR HONEY COMB OR
HEXA#####)
L8 13 SEA ABB=ON PLU=ON L4 AND ((FRONT OR REAR OR TOP OR BOTTOM) (3A
)SUBSTRATE)
D L7 1-3 IBIB ABS
L9 11 SEA ABB=ON PLU=ON L5 AND PY<=2003
L10 11 SEA ABB=ON PLU=ON L9 NOT L7
D L10 1-11 IBIB ABS
L11 17 SEA ABB=ON PLU=ON L6 AND PY<=2003
L12 17 DUP REM L11 (0 DUPLICATES REMOVED)
L13 17 SEA L12
L14 8 SEA ABB=ON PLU=ON L13 NOT (L7 OR L9)
D L14 1-8 IBIB ABS
L15 5 SEA ABB=ON PLU=ON L8 AND PY<=2003
L16 5 DUP REM L15 (0 DUPLICATES REMOVED)
L17 4 SEA ABB=ON PLU=ON L15 NOT (L7 OR L9 OR LL2)
D L17 1-4 IBIB ABS

Wed, 12 Jul 2006, 1:05:10 PM EST

Search Query Display

Recent Search Queries

Results

#1	(((pdp or (plasma display*) or (display* panel*)) and (mark* or pattern*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	72
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Search query: (PDP or (plasma display*) or (display panel*)) and (mark* or pattern*) and align*

Language: English

Published Before: 12-25-2003 (Original publication date)